

C16. CHAPTER 16  
MATERIAL POTENTIALLY PRESENTING AN EXPLOSIVE HAZARD (MPPEH)

C16.1. SCOPE

This chapter establishes explosives safety standards for MPPEH that supplement guidance provided in DoD Instruction 4140.62 (Reference (~~apas~~)). These Standards are intended to protect personnel and property from unintentional exposure to potential explosive hazards associated with material (including waste material) being managed or transferred within or released from DoD control.

C16.2. FUNCTIONS

C16.2.1. The Heads of the DoD Components shall establish criteria that may be risk-based to determine and document whether a receiver, either a DoD Component or non-DoD entity, is qualified to receive, manage, and process MPPEH through its release from DoD control. These criteria shall be coordinated with the DDESB and the Deputy Under Secretary of Defense (Logistics and Material Readiness).

C16.2.2. The DDESB shall develop, through its coordination processes, specific explosives safety management procedures and standards for determining the explosives safety status of material and for processing MPPEH through its release from DoD control. The requirements of Reference (~~apas~~) and other DoD issuances will be synchronized with these explosives safety management procedures and standards.

C16.2.3. MPPEH, material documented as safe (MDAS), and material documented as an explosive hazard (MDEH) shall be managed in a manner that complies with explosives safety standards, materiel management policies and environmental requirements. The effective management of MPPEH, MDAS, and *MDEH* will help prevent the unauthorized or unintentional transfer or release of an explosive hazard from DoD control; the transfer or release of material documented hazardous to an unqualified receiver; or a shipment that violates hazardous material transportation regulations.

*C16.3. COLLECTED MPPEH*

*C16.3.1. Control*

*C16.3.1.1. MPPEH shall be controlled and managed (e.g., sorted, segregated, stored, secured) to prevent its unauthorized use, transfer or release, and to protect personnel and property from uncontrolled exposures to potential explosive hazards.*

*C16.3.1.2. Prior to its transfer within DoD or release from DoD control, personnel certified by the responsible authority (e.g., installation commander) as technically qualified to*

*act as signatories in determining the material's explosives safety status shall document, in writing, that the material's characterization as safe (MDAS) or explosively hazardous (MDEH) is proper in accordance with the requirements in Reference (ap).*

*C16.3.2. Siting*

*C16.3.2.1. Locations used for collected MPPEH processing operations (e.g., consolidation, inspection, sorting, storage, transfer, release) (MPPEH processing points) shall be sited per Chapter 9 as:*

*C16.3.2.1.1. An ES, at not less than ILD from surrounding PES.*

*C16.3.2.1.2. A PES, when the MPPEH has not been documented as having an explosives safety status of safe (MDAS) or when the material has been documented as an explosive hazard (MDEH).*

*C16.3.2.2. DDESB approval of siting is not required for locations on operational ranges that are used temporarily during range clearance activities for intermediate management of collected MPPEH (MPPEH collection points) prior to transfer to a MPPEH processing point. Range managers shall ensure that MPPEH collection points are located so that their ESQD arcs, based on the hazard classification and NEWQD assigned (see paragraph C16.3.2.3.), remain within the operational range's impact area and associated safety buffer zone.*

*C16.3.2.3. The hazard classification and NEWQD shall be based upon characteristics of the type material involved, its packaging arrangement (if packaged), and the estimated or, if known, calculated amount of explosives potentially present.*

*C16.3.3. Marking and Securing*

*C16.3.3.1. Containers and holding areas for material being processed shall be secured and clearly marked as to the explosive hazard, if any, that may be present.*

*C16.3.3.2. MPPEH processing shall be managed in a manner (see "chain of custody," Appendix 1 - Glossary) that prevents:*

*C16.3.3.2.1. MDEH from being commingled with MPPEH or MDAS.*

*C16.3.3.2.2. MDEH from being misidentified as MPPEH or MDAS once the explosive hazards it presents have been determined.*

*C16.3.3.2.3. MDAS from being commingled with MPPEH or MDEH.*

*C16.3.3.2.4. MDAS from being misidentified as MPPEH or MDEH once it has been determined to be safe.*

*C16.3.4. Transporting*

*C16.3.4.1. MDAS may, from an explosives safety perspective, be transported or shipped over public transportation routes.*

*C16.3.4.1.1. The explosives safety status documentation must accompany the shipment.*

*C16.3.4.1.2. If the shipment contains hazardous materials or hazardous wastes other than explosives, transportation must comply with all applicable requirements of federal, state, interstate, and local laws.*

*C16.3.4.1.2.1. Hazard classification assignments for the material being shipped may be required.*

*C16.3.4.1.2.2. Any hazard classification assignments required must accompany the shipment.*

*C16.3.4.2. MPPEH or MDEH shall not be transported or shipped over public transportation routes unless determined safe for transport by personnel who the commander or responsible authority certifies as technically qualified to make such a determination.*

*C16.3.4.2.1. A determination that MPPEH or MDEH is safe for transport must be documented and signed by the individual making the determination. A copy of this certification must accompany the shipment.*

*C16.3.4.2.2. Hazard classification assignments are required to accompany the shipment (see subparagraph C16.3.2.3.).*